

EXHIBIT 2

In re Google Play Antitrust Litigation (Case No. 3:21-md-02981-JD)
Plaintiffs' Updated Third Witness List

Pursuant to the Parties' pre-trial exchange agreement, Plaintiffs provide the below tentative list of expected trial witnesses, other than for impeachment or rebuttal purposes, and reserving their rights to supplement or amend the list for good cause or in response to Google's witness list and any subsequent revisions thereto. Further, this witness list is based on the assumption that all four of States, Consumers, Match and Epic Plaintiffs will go forward with trial on November 6. For the avoidance of doubt, Plaintiffs reserve the right to revise this list in the event that the Court orders a different trial structure, and/or if the set of participating Plaintiffs or the scope of issues or claims to be tried changes, if any witness becomes unavailable, or in the event that the set of participating Plaintiffs changes for any other reason. Plaintiffs further revise their rights to:

- Revise or amend this list, including (but not limited to) in light of new information that becomes available or known to Plaintiffs after today's date, such as through any discovery (including deposition or trial testimony) that has not yet been completed, or based on any forthcoming pre-trial disclosures by Google.
- Revise or amend the brief statements describing the witness testimony and the estimate of minutes or hours the witness's testimony is expected to take, including (but not limited to) if the States, Consumers, and Google are unable to finalize a long-form settlement agreement.
- Substitute deposition designations for live testimony, and vice versa, including based on the availability or non-availability of any witness.
- Add any witness necessary to sponsor or authenticate an exhibit or any other documentary evidence for use at trial.
- Withdraw any of the witnesses.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
Google Witnesses (Will Call Live)					
Brandon Barras	Live	Strategic Partner Lead for Google Play & Android	Will call	Google Play business practices; Google's relationships and agreements with developers; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	60 min.
Dave Kleidermacher	Live	Vice President, Engineering, Security and Privacy for Android	Will call	Android technical restraints; Android and Google Play security; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	60 min.
Purnima Kochikar	Live	VP of Apps & Games for Google Play	Will call	Google Play business practices, strategy and finances; Google's relationships and agreements with developers; Android technical restraints; Google's destruction of Chat evidence; topics covered in her deposition; topics identified by Google	75 min.
Lawrence Koh	Live	Google's Director for Games Business Development	Will call	Google Play business practices, strategy and finances; Google's relationships and agreements with developers; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	60 min.
Jim Kolotouros	Live	Google's Vice President, Android Platform Partnerships	Will call	Android business practices, strategy and finances; Google's relationships and agreements with OEMs and carriers; Android technical restraints; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	75 min.
Sundar Pichai	Live	CEO	Will call	Google Play and Android business practices, strategy and finances; Google's relationships and agreements with developers; Google's relationships and agreements with OEMs and carriers; Google's relationship and agreements with Apple; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	60 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
Jamie Rosenberg	Live	Google's Vice President of Strategy and Operations for Platforms and Ecosystems	Will call	Google Play and Android business practices, strategy and finances; Google's relationships and agreements with developers; Google's relationships and agreements with OEMs and carriers; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	75 min.
Google Witnesses (May Call Live)					
Emily Garber	Live	Senior Product Counsel	May call	Google efforts to conceal evidence; Google's destruction of Chat evidence; topics identified by Google	15 min.
Margaret Lam	Live	Strategy for Android	May call	Google's efforts to conceal evidence; Google's destruction of Chat evidence; topics identified by Google	30 min.
Tristan Ostrowski	Live	Senior Legal Director at Google	May call	Google efforts to conceal evidence; Google's destruction of Chat evidence; topics identified by Google	15 min.
Google Witnesses (May Call Live or By Designations)					
Paul Bankhead	Live or By Designations	Google Play Store and Google Play Services product team lead	May call	Google Play business practices, strategy and finances; Google's relationship and agreements with developers; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	75 min.
Patrick Brady	Live or By Designations	Vice President of Engineering at Google	May call	Android technical restraints; Android security; Google's relationships and agreements with OEMs and carriers; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	60 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
Eric Chu	Live or By Designations	Former Head of the Open Handset Alliance/Android Developer Ecosystem (2007– 2012)	May call	Google Play and Android business practices, strategy and finances; Android technical restraints; Google’s relationships and agreements with developers; Google’s relationships and agreements with OEMs and carriers; YouTube’s business practices; Google’s destruction of Chat evidence; topics covered in his deposition; topics identified by Google	60 min.
Paul Feng	Live or By Designations	Google’s Product Management Director for Play Monetization	May call	Google Play business practices, strategy and finances; YouTube’s business practices and strategy; topics covered in his deposition; topics identified by Google	45 min.
Paul Gennai	Live or By Designations	Vice President at Google	May call	Google Play and Android business practices, strategy and finances; Google’s relationships and agreements with developers; Google’s relationships and agreements with OEMs and carriers; Google’s destruction of Chat evidence; topics covered in his deposition; topics identified by Google	45 min.
Don Harrison	Live or By Designations	President, Global Partnerships and Corporate Development	May call	Google Play and Android business practices, strategy and finances; Google’s relationships and agreements with developers; Google’s relationships and agreements with OEMs and carriers; Google’s relationship and agreements with Apple; Google’s destruction of Chat evidence; topics covered in his deposition; topics identified by Google	45 min.
Sarah Karam	Live or By Designations	Director of Apps Partnerships, Google Play	May call	Google’s relationships and agreements with developers; Google’s destruction of Chat evidence; topics covered in her deposition; topics identified by Google	45 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
John Lagerling	Live or By Designations	Former Google and Meta Employee CEO of the Japanese marketplace Mercari	May call	Google Play and Android business practices, strategy and finances; Google's relationships and agreements with developers; Google's relationships and agreements with OEMs and carriers; Google's destruction of Chat evidence; Facebook's business and practices; Facebook's experience with Android and Google Play; Facebook's interactions with Google; topics covered in his deposition; topics identified by Google	60 min.
Hiroshi Lockheimer	Live or By Designations	Senior Vice President, Platforms and Ecosystems	May call	Google Play and Android business practices, strategy and finances; Android technical restraints; Android security; Google's relationships and agreements with developers; Google's relationships and agreements with OEMs and carriers; Google's relationship with Apple; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	60 min.
Mrinalini Loew	Live or By Designations	Director, Google Play Commerce	May call	Google Play business practices, strategy and finances; Google's destruction of Chat evidence; topics covered in her deposition; topics identified by Google	30 min.
Michael Marchak	Live or By Designations	Director of Play Partnerships, Strategy and Operations	May call	Google Play business practices, strategy and finances; Google's relationships and agreements with developers; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	45 min.
Rich Miner	Live or By Designations	Advisor; Android-Co Founder	May Call	Android and Google Play business practices; topics covered in his deposition; topics identified by Google	30 min.
Sebastian Porst	Live or By Designations	Security Engineering Manager at Google	May call	Android technical restraints; Android security; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	30 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
Kristen Rasanen	Live or By Designations	Former Director, Global Apps Business Development, Google Play Managing Director, Google Wallet Partnerships	Will call	Google Play and Android business practices, strategy and finances; Google's relationships and agreements with developers; Google's destruction of Chat evidence; topics covered in her deposition; topics identified by Google	75 min.
Sameer Samat	Live	Vice President, Product Management	May Call	Google Play and Android business practices, strategy and finances; Google's relationships and agreements with developers; Google's relationships and agreements with OEMs and carriers; Google's destruction of Chat evidence; topics covered in his deposition; topics identified by Google	60 min.
Google Witnesses (Designations)					
Christian Cramer	Designations	Finances Director for Platforms and Ecosystems	May call	Topics covered in his designated deposition testimony; topics identified by Google	45 min.
Anthony DiVento	Designations	Accounting Controller for Google Play	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
Jon Gold	Designations	Managing Director, Platforms and Ecosystems Partnership Strategy	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
Christopher Li	Designations	Google's Director and Head of Platform Growth	May call	Topics covered in his designated deposition testimony; Topics identified by Google	30 min.
Justin Mattson	Designations	Senior Software Engineer at Google	May call	Topics covered in his designated deposition testimony; Topics identified by Google	30 min.
Ruth Porat	Designations	CFO of Alphabet and Google	May call	Topics covered in her designated deposition testimony; Topics identified by Google	45 min.
Diana Garcia Rios	Designations	Developer Relations Engineering at Google	May call	Topics covered in her designated deposition testimony; Topics identified by Google	30 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
Andy Rubin	Designations	Former Senior Vice President of Mobile and Digital Content at Google	Will call	Topics covered in his designated deposition testimony; Topics identified by Google	60 min.
Nick Sears	Designations	Co-Founder of Android and Engineer (2005-2013)	May call	Topics covered in his designated deposition testimony; Topics identified by Google	60 min.
Danielle Stein	Designations	Head of Monetizing App Partnerships at Google Play	May call	Topics covered in her designated deposition testimony; Topics identified by Google	45 min.
Third-Party Witnesses (Will Call Live)					
Down Dog (Ben Simon)	Live	Software Engineer for Google (2012-2015) Founder and CEO of Down Dog	Will call	Down Dog's business and practices; Down Dog's experience with Android and Google Play; Down Dog's interactions with Google; topics covered in his deposition; topics identified by Google	60 min.
Netflix (Paul Perryman)	Live	VP of Partnerships	Will call	Netflix's business and practices; Netflix's experience with Android and Google Play; Netflix's interactions with Google; topics covered in his deposition testimony; topics identified by Google	60 min.
Third-Party Witnesses (May Call Live)					
F-Droid (Hans-Christoph Steiner)	Live	Contributor	May call	F-Droid's app store and practices; app distribution history and strategies; F-Droid's experience with Android and Google; topics identified by Google	45 min.
FastSpring (David Nachman)	Live	CEO	May call	FastSpring's business and practices; FastSpring's payment solutions; FastSpring's ability to offer a payment solution for in-app purchases on Android apps; topics covered in his deposition testimony; topics identified by Google	45 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
Paddle (Christian Owens)	Live	CEO, Founder and Executive Chairman of Paddle	May call	Paddle's business and practices; Paddle's payment solutions; Paddle's ability to offer a payment solution for in-app purchases on Android apps; topics covered in his deposition testimony; topics identified by Google	45 min.
PayPal (Rob Regan)	Live	Vice President, Global Accounts, Enterprise Sales and Platform Partnerships	May call	PayPal's business and practices; PayPal's payment solutions; PayPal's ability to offer a payment solution for in-app purchases on Android apps; topics covered in his deposition testimony; topics identified by Google	30 min.
Third-Party Witnesses (May Call Live or By Designations)					
Activision Blizzard (Armin Zerza)	Live or By Designations	CFO	May call	Activision's business and practices; Activision's app distribution strategies; Activision's experience with Android and Google Play; Activision's relationships and agreements with Google; topics covered in his deposition; topics identified by Google	45 min.
Third-Party Witnesses (Designations)					
Amazon (Donn Morrill)	Designations	Director of Developer Relations	Will call	Topics covered in his designated deposition testimony; topics identified by Google	45 min.
AT&T (Jeffrey Ezell)	Designations	Vice President of Strategy and Business Development	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
Block f/k/a TIDAL (Pål Berg)	Designations	Streaming Lead	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
Bumble (Richard Watts)	Designations	Vice President of Product Revenue	May call	Topics covered in his designated deposition testimony; topics identified by Google	45 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
GetJar (Christopher Dury)	Designations	Former CEO	May call	Topics covered in his designated deposition testimony; topics identified by Google	45 min.
iHeart Media (Rob Rowe)	Designations	Executive Vice President, Product Integration & Distribution	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
Meta (Marc Shedroff)	Designations	Vice President for Business Development and Alliances	May call	Facebook's business and practices; Facebook's experience with Android and Google Play; Facebook's interactions with Google; topics covered in his designated deposition testimony; topics identified by Google	60 min.
Motorola (Eric Christensen)	Designations	Executive Director of Software Product Management and Partner Management	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
Qualcomm (Brian Vogelsang)	Designations	Former Director of Product Management for Plaza Retail, Current XR Product Leader	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
SlideME (George Christopoulos)	Designations	Founder and CEO	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
SoundCloud (Jordan Pettinato)	Designations	Director, Business Development	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
Spotify (Sandra Alzetta)	Designations	Vice President, Global Head of Payments	May call	Topics covered in her designated deposition testimony; topics identified by Google	45 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
Epic Witnesses (May Call Live)					
Steven Allison	Live	General Manager of the Epic Games Store	May call	Epic's business and practices; Epic Games Store business; game and app distribution history and strategies; Epic's experience with Android and Google Play; topics covered in his deposition testimony; topics identified by Google	60 min.
Ethan Diamond	Live	Senior Director	May call	Bandcamp's business and practices; Bandcamp's experience with Android and Google Play; Bandcamp's interactions with Google; app distribution; topics covered in his deposition testimony; topics identified by Google	45 min.
Andrew Grant	Live	Technical Director	May Call	Epic's business and practices; OS and app technologies, security and engineering; Epic's experience with Android and Google Play; Epic's interactions with Google; topics covered in his deposition testimony; topics identified by Google	30 min.
Tim Sweeney	Live	CEO	May call	Epic's business and practices; Epic's history; Epic's experience with app platforms, including PC, consoles and mobile; Epic Games Store business; Epic's experience with Android and Google Play; Epic's interactions with Google; topics covered in his deposition testimony; topics identified by Google	90 min.
Matt Weissinger	Live	Head of Marketing	May call	Epic's business and practices; app distribution and marketing; Epic's experience with Android and Google Play; Epic's interactions with Google; topics covered in his deposition testimony; topics identified by Google	45 min.
Epic Witnesses (Designations)					
Hans Stolfus	Designations	Global Partnerships Lead, Mobile	May call	Topics covered in his designated deposition testimony; topics identified by Google	45 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
Match Witnesses (Will Call Live)					
Shar Dubey	Live	Former CEO of Match Group, Inc. and current Board of Director of Match Group, Inc.	Will call	Match's business and practices; Match's history; Match's experience with Android and Google Play; Match's interactions with Google; topics covered in her deposition; topics identified by Google	60 min.
Peter Foster	Live	General Manager at Match Group Media	Will call	Match's business and practices; Match's experience with Android and Google Play; Match's interactions with Google; topics covered in his deposition; topics identified by Google	45 min.
Match Witnesses (May Call Live)					
Adrian Ong	Live	Former Senior Vice President of Operations at Match Group, LLC	May call	Match's business and practices; Match's experience with Android and Google Play; Match's interactions with Google; topics covered in his deposition; topics identified by Google	45 min.
Match Witnesses (Designations)					
AJ Cihla	Designations	Senior Director, Business Development at Tinder, a division of Match Group, LLC	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
Ian Purves	Designations	Director of Partnerships at Match Group, LLC	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
Gary Swidler	Designations	Former Chief Operating Officer and current President and Chief Financial Officer at Match Group, Inc.	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
Consumer Plaintiff Witnesses (Will Call Live or By Designations)					
Mary Carr	Live or By Designations	N/A	Will call	Her experience using Android, the Google Play store, and Android apps; her smartphone purchase decision; topics covered in her deposition testimony; topics identified by Google	30 min.
Consumer Plaintiff Witnesses (Designations)					
Matthew Atkinson	Designations	N/A	May call	Topics covered in his designated deposition testimony; topics identified by Google	30 min.
Alex Iwamoto	Designations	N/A	May call	Topics covered in his designated deposition testimony; topics identified by Google	15 min.
Zachary Palmer	Designations	N/A	May call	Topics covered in his designated deposition testimony; topics identified by Google	15 min.
State Witness (May Call Live)					
Sonny Mangat	Live	Chief Information Security Officer, CA AG	May call	California DOJ information security, including statements related to cybersecurity and downloading or installing apps on mobile devices	30 min.
Expert Witnesses (Will Call)					
Ned Barnes	Live	CPA	Will call	Accounting and profitability issues; topics covered in his expert reports	45 min.
Doug Bernheim	Live	PhD	Will call	Antitrust economics issues relating to the licensable smartphone operating system and app distribution markets; topics covered in his expert reports	180 min.
James Mickens	Live	PhD	Will call	Security issues related to Android and Google Play; topics covered in his expert reports	60 min.

Witness	Live / Designation	Title	Will Call / May Call	Brief Statement re: Testimony	Estimated Direct
Stanley Presser	Live	PhD	Will call	Survey results regarding switching between Android and iOS and consumer perception of sideloading warnings; topics covered in his expert reports	45 min.
Marc Rysman	Live	PhD	Will call	Non-duplicative antitrust economics issues including a quantitative two-sided SSNIP; quantitative output effects; damages to consumers; topics covered in his expert reports	60 min.
Douglas Craig Schmidt	Live	PhD	Will call	Non-duplicative security issues related to Android and Google Play; security issues related to Google Play Billing; topics covered in his expert reports	45 min.
Steve Schwartz	Live	PhD	Will call	Non-duplicative antitrust economics issues related to the app distribution market and market for Android in-app payment solutions; damages to Match; topics covered in his expert reports	90 min.
Steve Tadelis	Live	PhD	Will call	Antitrust economics issues relating to the market for Android in-app payment solutions; topics covered in his expert reports	60 min.
Expert Witnesses (May Call)					
Saul Solomon	Live	PhD	May call	Disgorgement, restitution, and penalties; topics covered in his expert reports	30 min.

In re Google Play Antitrust Litigation
Google's Fourth Tentative Witness List (Rev. 10/5/2023)

Pursuant to the Parties' pre-trial exchange agreement, Google provides the below tentative list of expected trial witnesses, other than for impeachment or rebuttal purposes. Google reserves its right to supplement or amend the list for good cause or in response to Plaintiffs' witness list and any subsequent revisions thereto. For the avoidance of doubt, Google reserves its right to revise this list in the event that the set of participating Plaintiffs changes, including but not limited to in the event that any Plaintiff's trial date is moved or vacated. Google reserves its rights to:

- Revise or amend this list, including (but not limited to) in light of new information that becomes available or known to Google after today's date, such as through any discovery (including deposition or trial testimony) that has not yet been completed, or based on any forthcoming pre-trial disclosures by Plaintiffs. Google reserves the right to add any witness deposed after today's date to its witness list.
- Substitute deposition designations for live testimony, and vice versa, including based on the availability or non-availability of any witness.
- Add any witness necessary to sponsor or authenticate an exhibit or any other documentary evidence for use at trial.
- Withdraw any of the witnesses.
- Revise anticipated substance and time estimates.

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Plaintiff Witnesses (Will Call Live)					
Tim Sweeney	Live	Chief Executive Officer (Epic)	Will call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	1.5 hours
Sharmistha Dubey	Live	Former CEO of Match Group, Inc., and current Director (Match)	Will call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	1 hour
Peter Foster	Live	General Manager at Match Group Media (Match)	Will call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	1 hour
Sonny Mangat	Live	Chief Information Security Officer, California AG	Will call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.4 hours
Plaintiff Witnesses (May Call Live)					
Ethan Diamond	Live	Senior Director (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.5 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Daniel Egerter	Live	Consumer	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.3 hours
Plaintiff Witnesses (May Call Live or By Designation)					
Steven Allison	Live or by designation	General Manager, Store (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.5 hours
Andrew Grant	Live or by designation	Technical Director (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.5 hours
Matthew Weissinger	Live or by designation	Head of Marketing (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.5 hours
Adrian Ong	Live or by designation	Former Senior Vice President of Operations at Match Group (Match)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.7 hours
Matt Atkinson	Live or by designation	Consumer	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.2 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Mary Carr	Live or by designation	Consumer	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.2 hours
Alex Iwamoto	Live or by designation	Consumer	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.2 hours
Zachary Palmer	Live or by designation	Consumer	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.2 hours
Plaintiff Witnesses (Will Call by Designation)					
Chris Babcock	By designation	Senior Platform Programmer (Epic)	Will call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.5 hours
Plaintiff Witnesses (May Call by Designation)					
AJ Cihla	By designation	Senior Director, Business Dev. At Tinder (Match)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.3 hours
Christopher Earl	By designation	Information Technology Director, Utah AG	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.2 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Randy Gelber	By designation	Chief Financial Officer (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.7 hours
Joshua Kim	By designation	Former COO of Bandcamp, Inc.	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.1 hours
Joseph Kreiner	By designation	Vice President of Business Development (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.7 hours
Thomas Ko	By designation	Former Head of Business and Online Strategy for Online Services (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.5 hours
Ryan Koppy	By designation	North Dakota AG	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.2 hours
Melissa Larsen	By designation	Former Chief of Staff to the Attorney General, Utah AG	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.2 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Haseeb Malik	By designation	Former Marketing Director (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.3 hours
David Nikdel	By designation	Engineer (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.3 hours
Cameron Payne	By designation	Marketing Director (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.3 hours
Nicholas Penwarden	By designation	VP of Engineering (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.3 hours
Ian Purves	By designation	Director of Partnerships at Match Group, LLC (Match)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.3 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Adam Sussman	By designation	President (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.7 hours
Alec Shobin	By designation	Marketing Manager (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.5 hours
Douglas Smith	By designation	Chief Information Officer, Florida AG	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.2 hours
Hans Stolfus	By designation	Global Partnership Lead, Mobile (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.6 hours
Gary Swidler	By designation	Former COO and current President and CFO at Match Group, Inc. (Match)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.3 hours
Daniel Vogel	By designation	Chief Operating Officer (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.3 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Ed Zobrist	By designation	Former Head of Publishing (Epic)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, Google's counterclaims, and Epic's requested relief.	0.3 hours
Third-Party Witnesses (May Call Live)					
Paul Bankhead	Live	Google Play product team lead (Former)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.3 hours
Lawrence Koh	Live	Director, Partnerships (Former)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.8 hours
Mohsen Malekinehad	Live	Director of CA Notify Exposure Notification Program, California Department of Public Health	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.3 hours
Carson Oliver	Live	Sr. Director of Business Management (Apple)	May call	Competition between the Apple App Store and the Google Play store.	0.7 hours
Ian Sanford	Live	Information Technology Specialist, California Department of Public Health	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.1 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Apple	Live	Custodian of records	May call	Authentication of business record documents	0.1 hours
Twitter	Live	Custodian of records	May call	Authentication of business record documents	0.1 hours
Third-Party Witnesses (May Call Live or by Designation)					
Robert Beaty	Live or by designation	Chief Technology Officer, OCV	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.5 hours
John Lagerling	Live or by designation	Former Senior Director, Partnerships (Google); Former Vice President, Business Development (Facebook)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.5 hours
Third-Party Witnesses (May Call by Designation)					
Paul Berg	By designation	Lead of Streaming, Tidal	May Call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.3 hours
Asi Burak	By designation	Chief Business Officer, Tilting Point	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.5 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Eric Christensen	By designation	Executive Director of Software Product Management and Partner Management, Motorola	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.5 hours
Patrick Cox	By designation	Biological Data Systems Manager, Washington Department of Fish & Wildlife	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.2 hours
George Christopoulos	By designation	SlideME, Founder and CEO	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.3 hours
Rich Czeslawski	By designation	Chief Operating Officer & President, Pure Sweat Basketball	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.2 hours
Jeffrey Ezell	By designation	Vice President of Business Development, AT&T	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.5 hours
Ted Goessling	By designation	Systems Architect, Minnesota IT Services	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.1 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Bradley Harris	By designation	IT Administrator, Louisiana Secretary of State	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.2 hours
Jamie McClanahan	By designation	Chief Information Officer, Texas Parks & Wildlife	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.1 hours
Donn Morrill	By designation	Director of Developer Relations, Amazon	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.3 hours
Jordan Pettinato	By designation	Director of Business Development, Soundcloud	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.1 hours
Andy Rubin	By designation	Former Senior Vice President, Mobile and Digital Content, Google	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	1 hour
Nick Sears	By designation	Android, Co-Founder	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.4 hours
Marc Shedroff	By designation	Vice President, Business Development (Facebook)	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.4 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Rohit Tandon	By designation	Chief Information Security Officer, Minnesota IT Services	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.1 hours
Keith Tresh	By designation	Chief Information Security Officer, Idaho Technology Authority	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.1 hours
Armin Zerza	By designation	Chief Financial Officer, Activision Blizzard	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and Google's defenses.	0.7 hours
Google Witnesses (Will Call Live)					
Brandon Barras	Live	Senior Strategic Partnerships Development Manager	Will call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.8 hours
Hiroshi Lockheimer	Live	Senior Vice President, Technical	Will call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.7 hours
David Kleidermacher	Live	Vice President, Engineering	Will call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.8 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Jamie Rosenberg	Live	Former Vice President, Product Management	Will call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	1 hour
Google Witnesses (May Call Live)					
Patrick Brady	Live	Vice President, Engineering	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.3 hours
Edward Cunningham	Live	Director, Product Management	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.5 hours
Paul Feng	Live	Vice President, Product Management	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.5 hours
Paul Gennai	Live	Vice President, Product Management	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	1 hour
Don Harrison	Live	Vice President, Partnerships	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.5 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Sarah Karam	Live	Director, Partnerships	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.5 hours
Purnima Kochikar	Live	Vice President, Partnerships	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	1.5 hours
James Kolotouros	Live	Vice President, Partnerships	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.5 hours
Mrinalini Loew	Live	Director, Product Management	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	1 hour
Michael Marchak	Live	Director, Sales Strategy	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.3 hours
Rich Miner	Live	Director, Software Engineering	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	1.5 hours
Sundar Pichai	Live	CEO	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.5 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Sebastian Porst	Live	Senior Staff Security Engineer, Manager	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.1 hours
Andrew Rope	Live	Scaled Operations Manager	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.2 hours
Kirsten Rasanen	Live	Director, Partnerships	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.5 hours
Sameer Samat	Live	Vice President, Product Management	May call	The pro-competitive benefits and legitimate justifications of Google's conduct and defenses, and Google's counterclaims.	0.5 hours
Expert Witnesses (Live)					
Sandeep Chatterjee	Live	Chief Executive Officer, Experantis LLC	Will call	How Google Play services works, how it fits into the architecture of the Android operating system, and how it benefits app developers, OEMs, and users; expert opinion as disclosed in expert reports.	0.5 hours

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Matthew Gentzkow	Live	Landau Professor of Technology and the Economy, Stanford University	Will call	Competitive effects of Google's conduct and procompetitive benefits of and justifications for that conduct, and responses to opinions of Plaintiffs' experts regarding the same; expert opinion as disclosed in expert reports.	2 hours
Donna Hoffman	Live	Professor of Marketing, George Washington University School of Business	May call	Evaluate Dr. Presser's survey and expert report and conclusions reached; expert opinion as disclosed in expert reports.	0.5 hours
Gregory Leonard	Live	Vice President, Charles River Associates	Will call	Google's counterclaim damages against Epic and Match; analysis of pass-through; responses to Plaintiffs' damages analyses; expert opinion as disclosed in expert reports.	0.6 hours
Zhiyun Qian	Live	Everett and Imogene Ross Associate Professor, Computer Science and Engineering Department, University of California Riverside	Will call	Security practices to mitigate threats, threat environments facing the Android ecosystem, Android's security-related features and policies, and ramifications of alternative features and policies; expert opinion as disclosed in expert reports.	1 hour

Witness	Live / Designation	Title	Will Call / May Call	Substance	Time Estimate
Douglas Skinner	Live	Deputy Dean for Faculty and Eric J. Gleacher Distinguished Service Professor of Accounting, University of Chicago Booth School of Business	Will call	Evaluate calculations, findings, and opinions of Plaintiffs' experts regarding the profitability of Google Play; expert opinion as disclosed in expert reports.	0.6 hours
Catherine Tucker	Live	Sloan Distinguished Professor of Management Science, Massachusetts Institute of Technology	Will call	Relevant antitrust market, competition faced by Google, Plaintiffs and their experts' assertions regarding the relevant market and Google's alleged market or monopoly power; expert opinion as disclosed in expert reports.	2 hours